

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072550.D
 Acq On : 06 Apr 2022 14:39
 Operator : VA/SY
 Sample : N2267-01
 Misc : 3.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-SOUTH

Quant Time: Apr 07 01:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

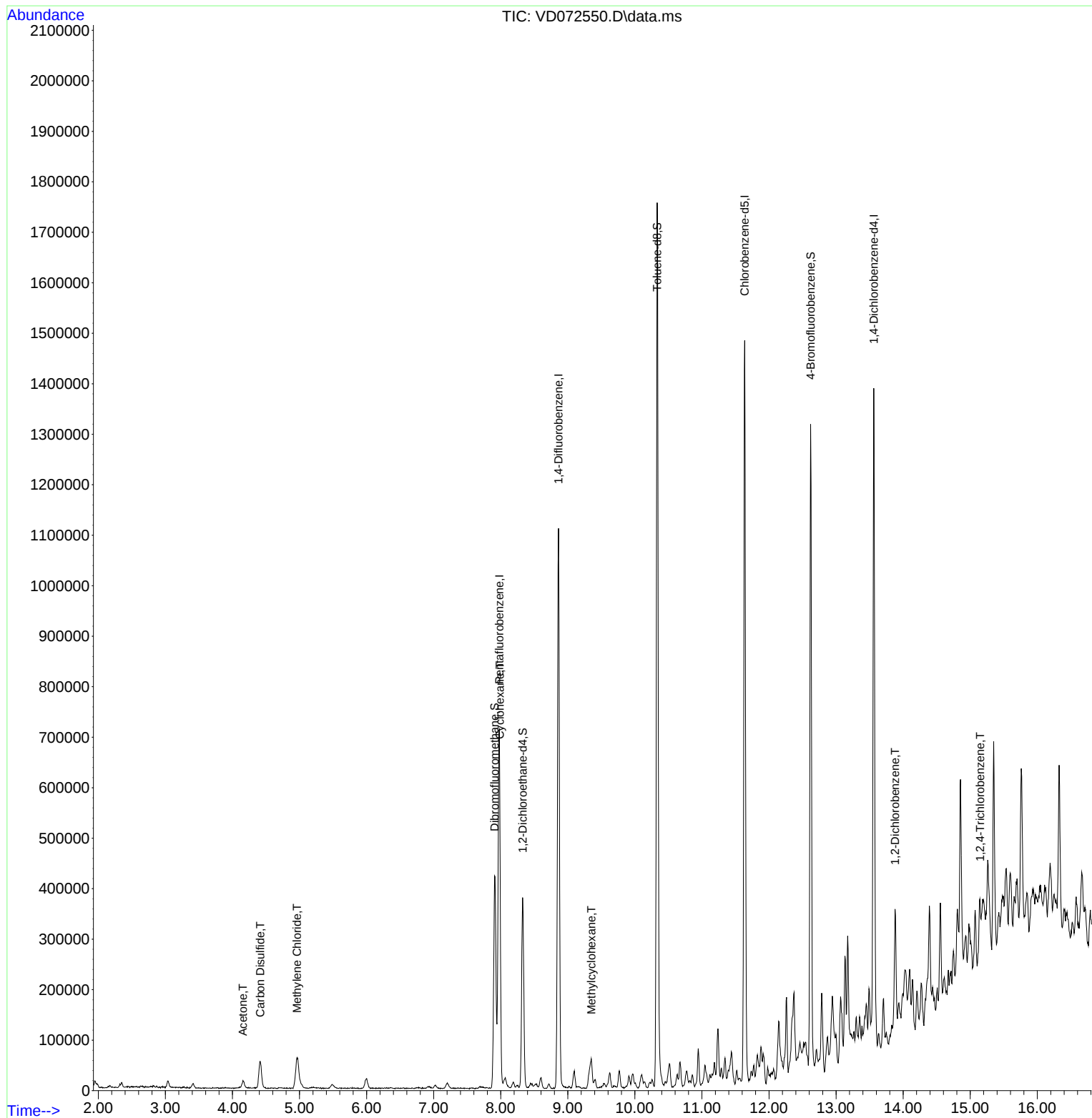
Internal Standards						
1) Pentafluorobenzene	7.979	168	515749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	947460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	344789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295573	47.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.909	113	312412	42.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.860%
50) Toluene-d8	10.332	98	1152970	45.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.620	95	381205	38.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.280%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	24302	20.889	ug/l #	83
17) Carbon Disulfide	4.415	76	117825	14.519	ug/l	99
20) Methylene Chloride	4.962	84	49321	7.121	ug/l #	84
31) Cyclohexane	7.985	56	16638	2.039	ug/l #	43
39) Methylcyclohexane	9.350	83	18470	4.465	ug/l #	83
91) 1,2-Dichlorobenzene	13.879	146	25871	2.268	ug/l #	67
93) 1,2,4-Trichlorobenzene	15.149	180	21991	3.110	ug/l #	69

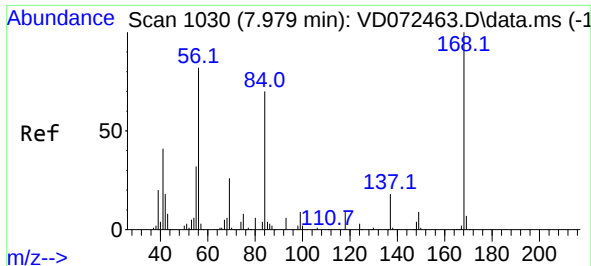
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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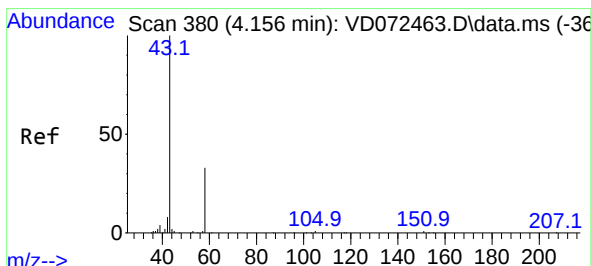
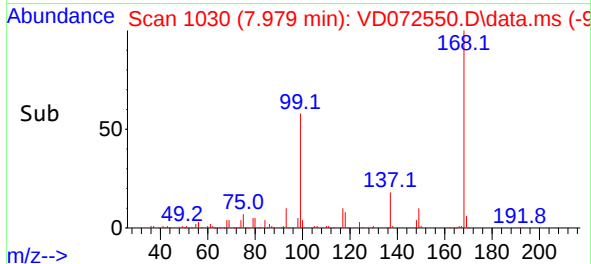
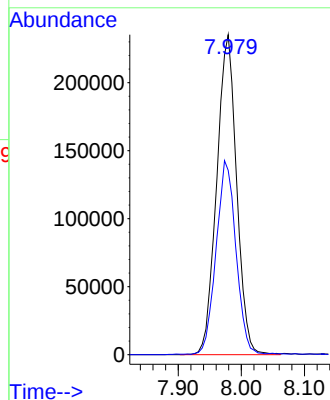
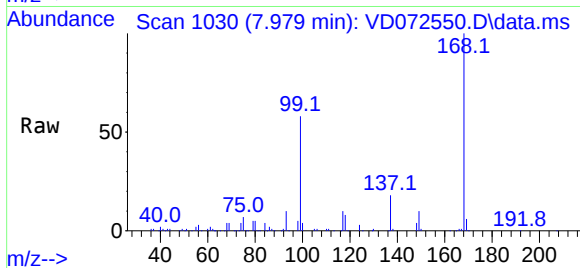




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

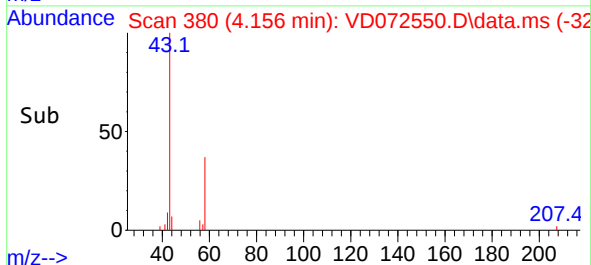
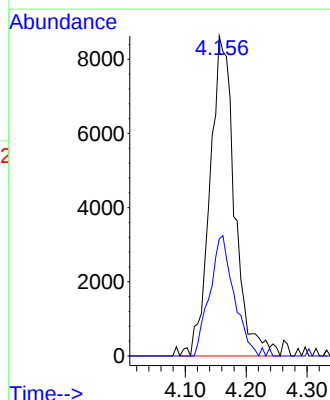
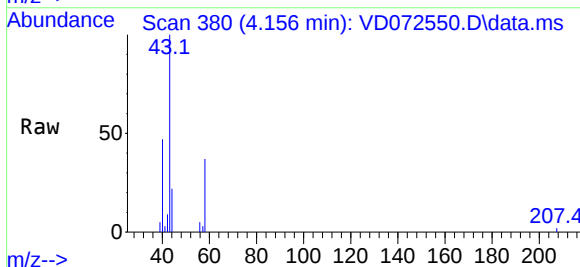
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-SOUTH

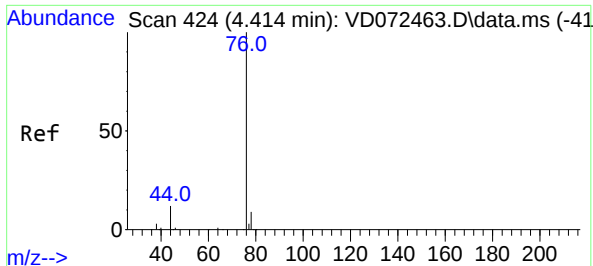
Tgt Ion:168 Resp: 515749
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#16
Acetone
Concen: 20.889 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Tgt Ion: 43 Resp: 24302
Ion Ratio Lower Upper
43 100
58 36.5 22.1 33.1#

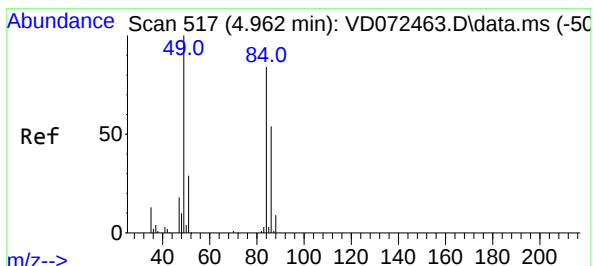
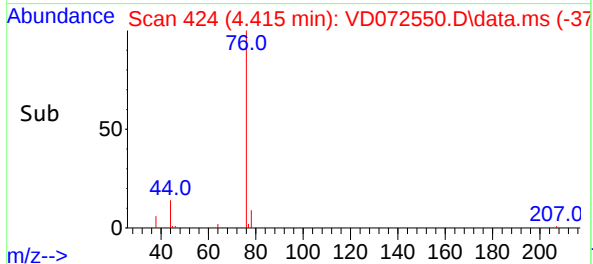
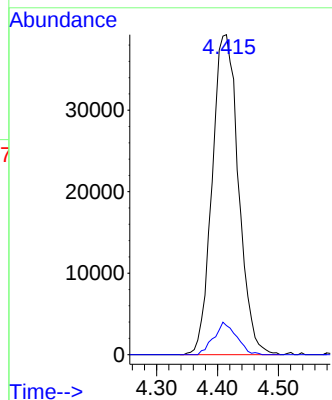
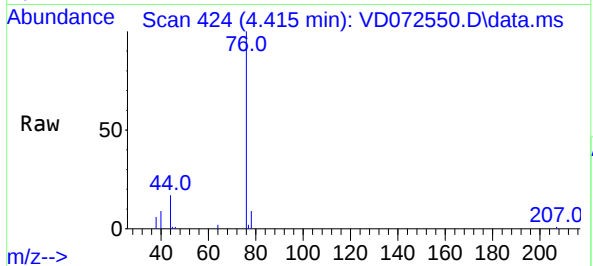




#17
Carbon Disulfide
Concen: 14.519 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

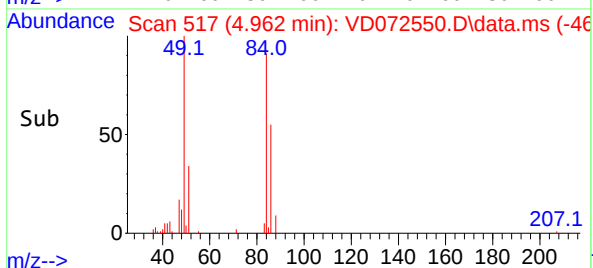
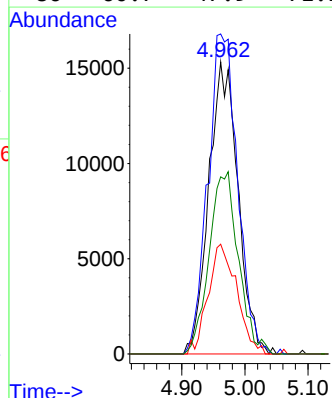
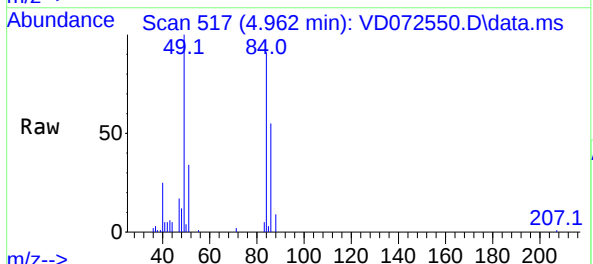
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-SOUTH

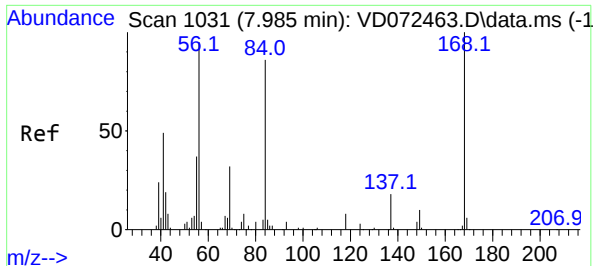
Tgt Ion: 76 Resp: 117825
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#20
Methylene Chloride
Concen: 7.121 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

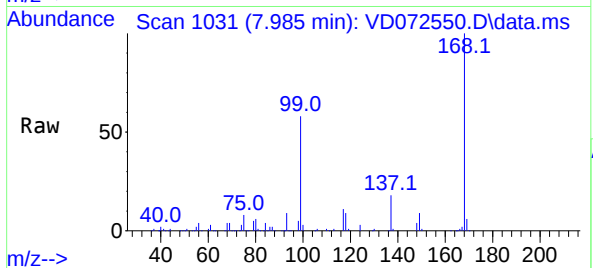
Tgt Ion: 84 Resp: 49321
Ion Ratio Lower Upper
84 100
49 109.6 112.8 169.2#
51 37.6 32.6 48.8
86 60.7 47.9 71.9



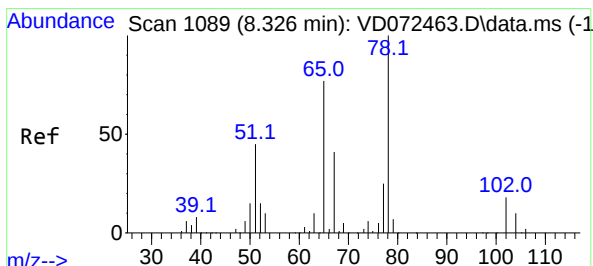
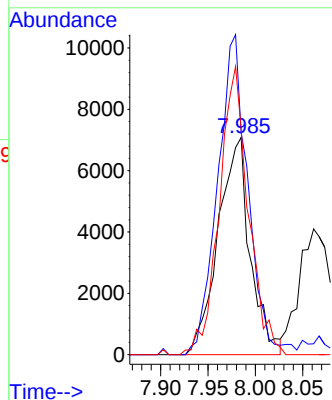
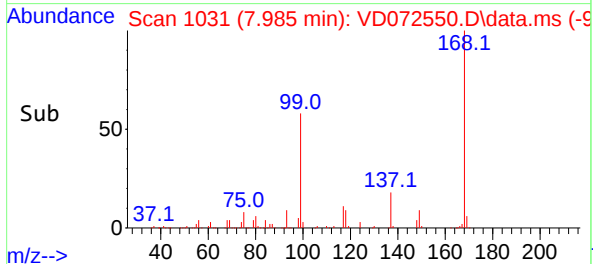


#31
Cyclohexane
Concen: 2.039 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-SOUTH

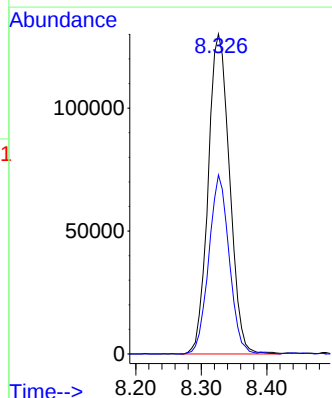
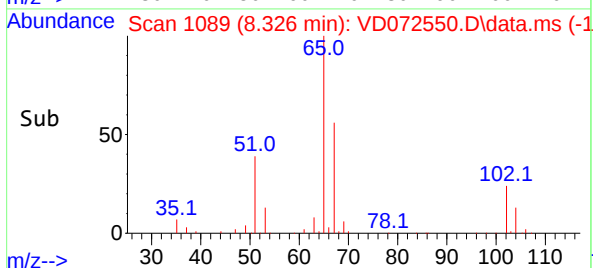
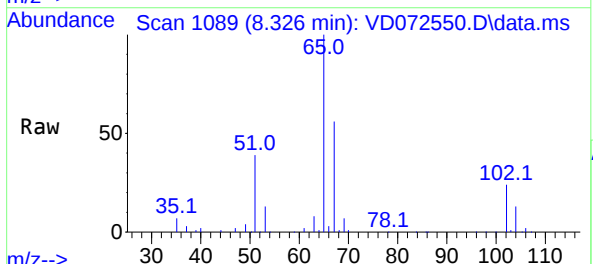


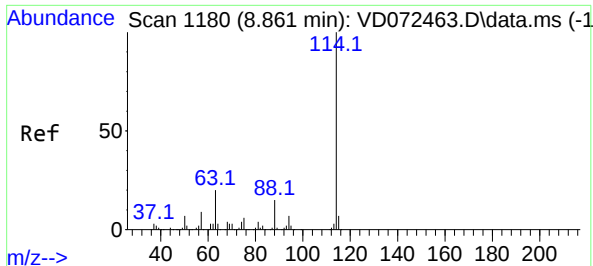
Tgt Ion: 56 Resp: 16638
Ion Ratio Lower Upper
56 100
69 102.1 25.4 38.2#
84 103.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.375 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Tgt Ion: 65 Resp: 295573
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



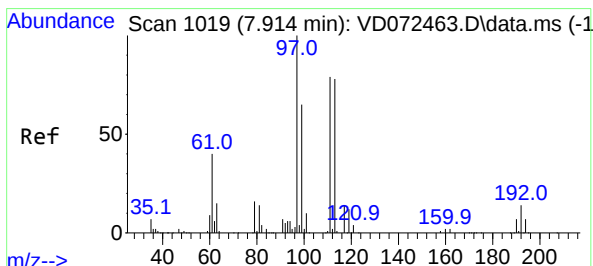
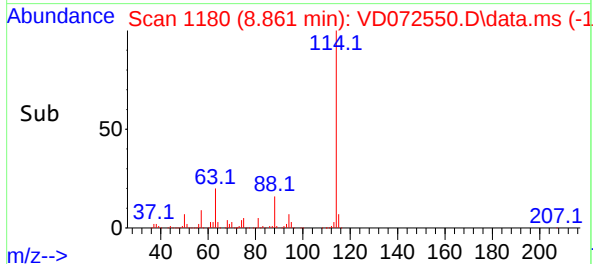
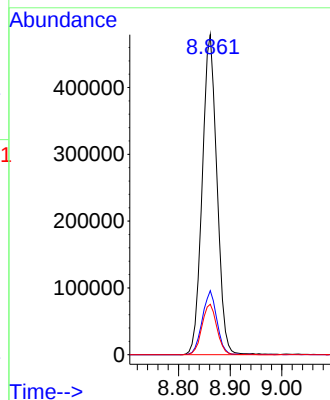
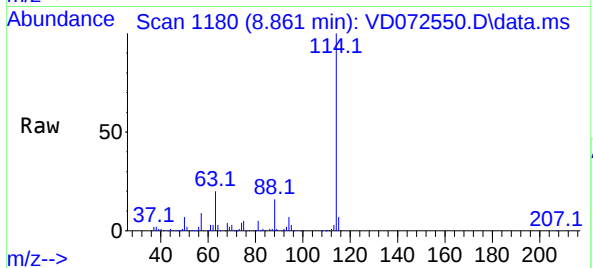


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-SOUTH

Tgt Ion:114 Resp: 947460

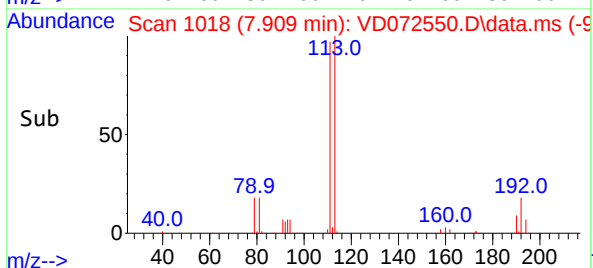
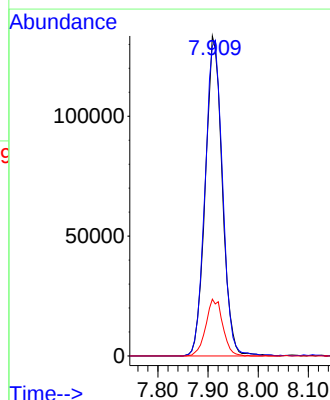
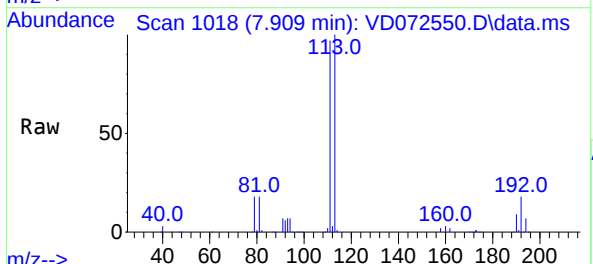
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	46.6
88	15.7	0.0	33.2

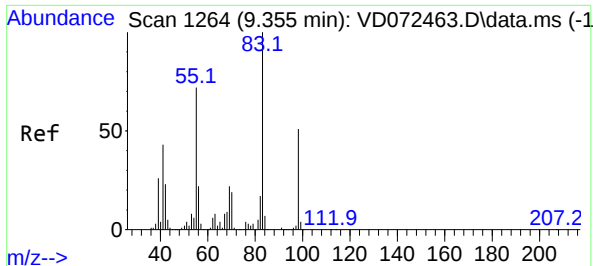


#35
Dibromofluoromethane
Concen: 42.429 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Tgt Ion:113 Resp: 312412

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	17.9	14.6	21.8





#39

Methylcyclohexane

Concen: 4.465 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072550.D

Acq: 06 Apr 2022 14:39

Instrument :

MSVOA_D

ClientSampleId :

LINDEN-SOUTH

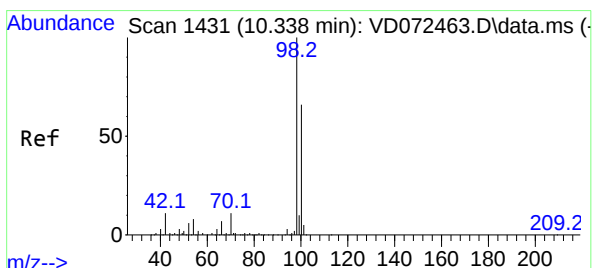
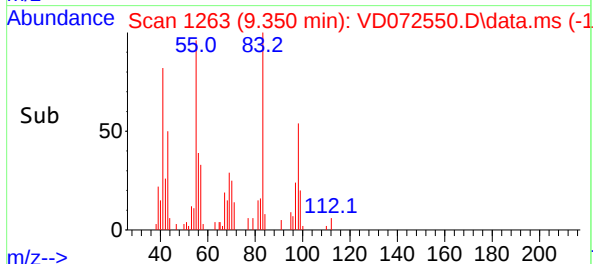
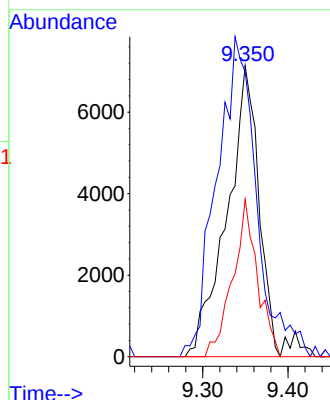
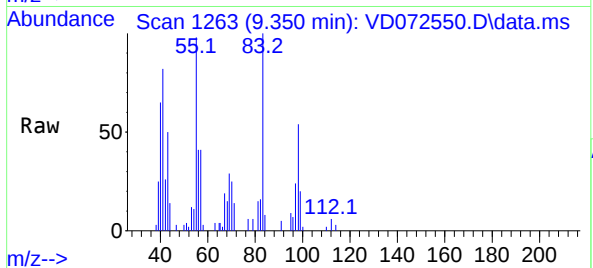
Tgt Ion: 83 Resp: 18470

Ion Ratio Lower Upper

83 100

55 97.9 63.2 94.8#

98 54.1 38.2 57.4



#50

Toluene-d8

Concen: 45.047 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072550.D

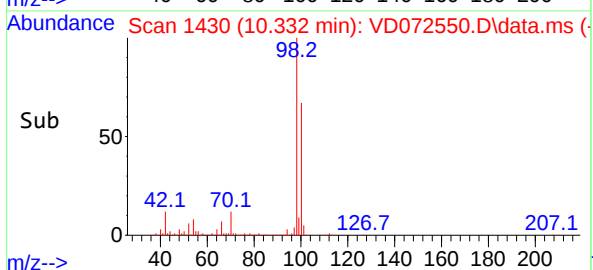
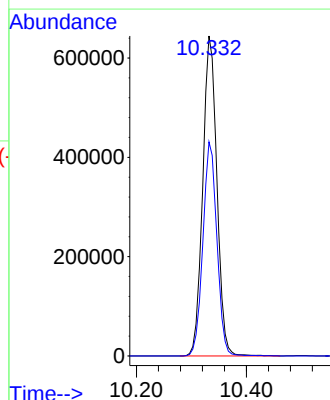
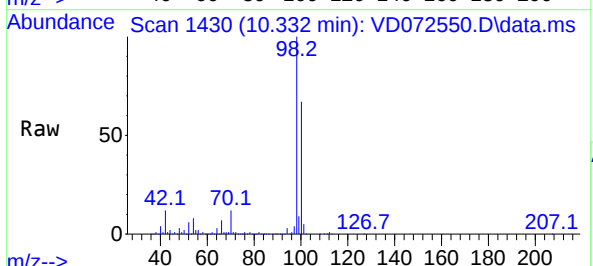
Acq: 06 Apr 2022 14:39

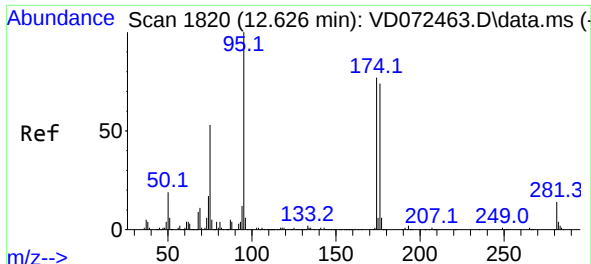
Tgt Ion: 98 Resp: 1152970

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

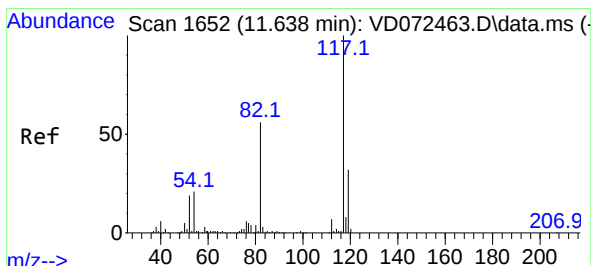
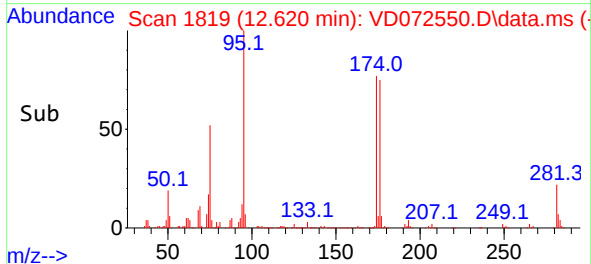
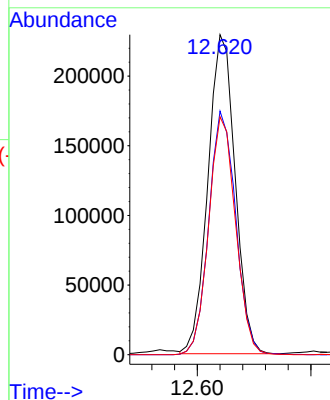
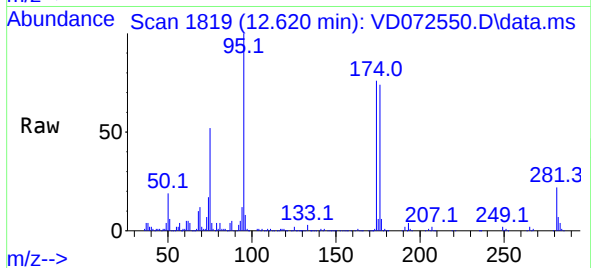




#62
4-Bromofluorobenzene
Concen: 38.136 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

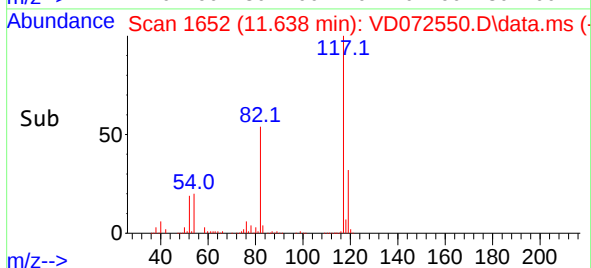
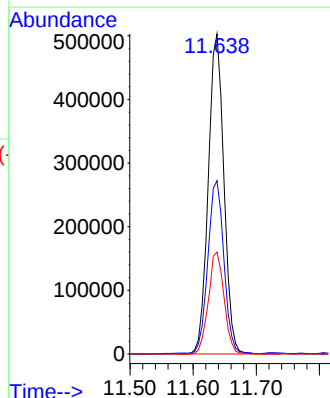
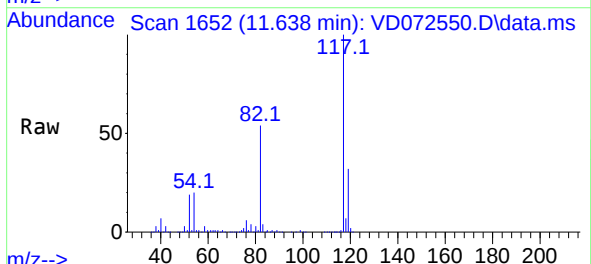
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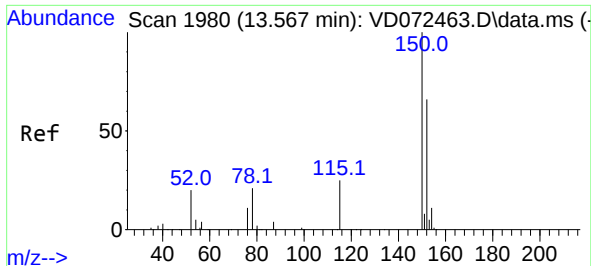
Tgt Ion: 95 Resp: 381205
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Tgt Ion: 117 Resp: 863057
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.9 26.6 40.0

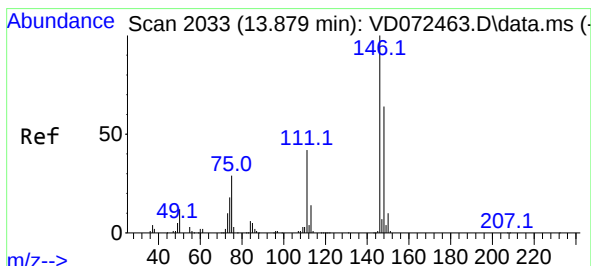
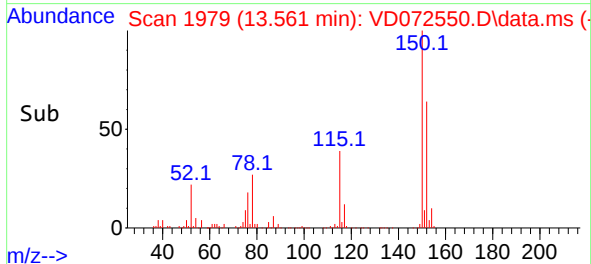
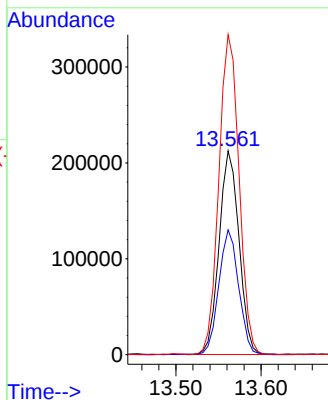
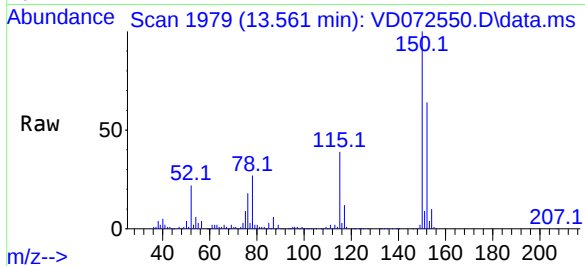




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

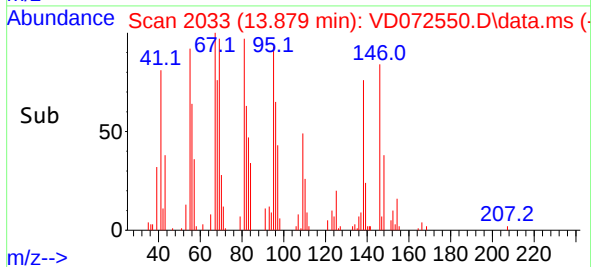
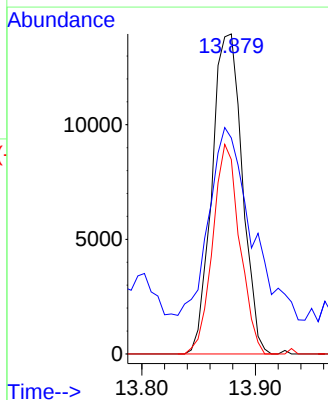
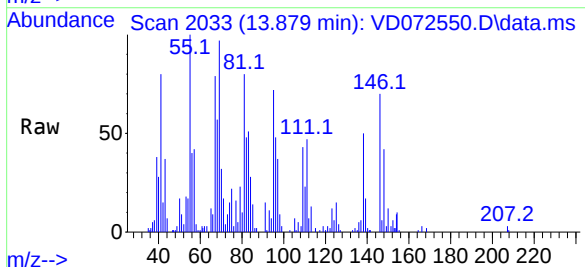
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-SOUTH

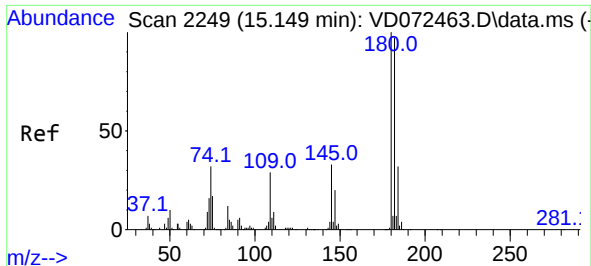
Tgt Ion:152 Resp: 344789
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 159.9 0.0 348.6



#91
1,2-Dichlorobenzene
Concen: 2.268 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072550.D
Acq: 06 Apr 2022 14:39

Tgt Ion:146 Resp: 25871
Ion Ratio Lower Upper
146 100
111 89.0 21.1 63.3#
148 58.7 31.7 95.1





#93

1,2,4-Trichlorobenzene

Concen: 3.110 ug/l

RT: 15.149 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072550.D

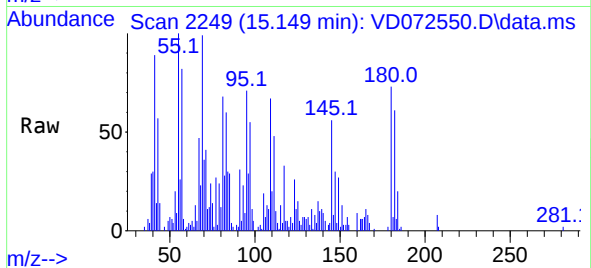
Acq: 06 Apr 2022 14:39

Instrument :

MSVOA_D

ClientSampleId :

LINDEN-SOUTH



Tgt Ion:180 Resp: 21991

Ion Ratio Lower Upper

180 100

182 89.3 47.3 142.0

145 91.0 16.2 48.5#

